

Converting Colors

XYZ(59.6612, 50.3649, 47.6512)

Have a look what the booklet for
XYZ(59.6612, 50.3649, 47.6512)
contains.

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Color

**XYZ(59.6612, 50.3649,
47.6512)**

Conversions

Conversions Part 1

Format	Color
Hex	F6A7B0
RGB	246, 167, 176
RGB Percent	96%, 65%, 69%
CMY	0.0353, 0.3451, 0.3098
CMYK	0.00, 0.32, 0.28, 0.04
HSL	353°, 81%, 81%
HSV	353°, 32%, 96%
XYZ	59.6612, 50.3649, 47.6512
YIQ	191.6470, 44.1950, 19.5470

Conversions

Conversions Part 2

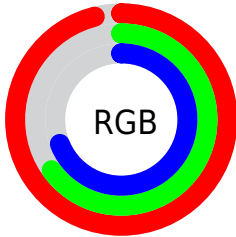
Format	Color
R _Y B	246, 167, 176
Decimal	16164784
CIE Lab	76.29, 30.30, 7.28
CIE LCh	76, 31.158, 13.512
Yxy	50.3649, 0.3784, 0.3194
Android (android.graphics.Color)	4294354864 (0xFFF6A7B0)
YUV	191.6470, -7.7140, 47.6676
Hunter-Lab	70.9682, 25.8660, 9.8678

Details

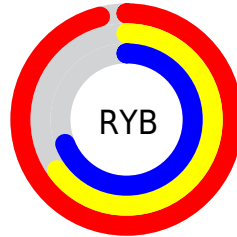
The XYZ color **59.6612, 50.3649, 47.6512** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.1804, 80.2425, 92.2306**, and the grayscale version is **49.9239, 52.5238, 57.1984**.

A 20% lighter version of the original color is **82.1932, 79.8615, 87.4267**, and **30.3944, 24.1812, 22.1343** is the 20% darker color. If you saturate the color by 10%, you get **53.5893, 41.3999, 35.8268**, and if you desaturate by 10%, it is **66.9394, 61.1875, 61.5875**.

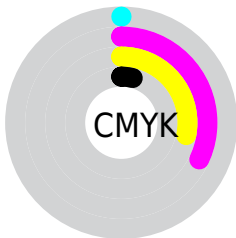
Distribution



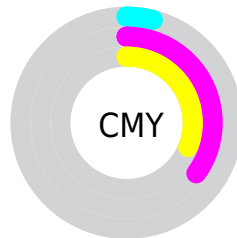
- Red (96%)
- Green (65%)
- Blue (69%)



- Red (96%)
- Yellow (65%)
- Blue (69%)



- Cyan (0%)
- Magenta (32%)
- Yellow (28%)
- Black (4%)





- Cyan (4%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.6612, 50.3649, 47.6512 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 59.6612, 50.3649, 47.6512 by changing the saturation by 10% instead.


 59.6612, 50.3649,
47.6512


 59.6612, 50.3649,
47.6512


413.2026,
388.0912, 393.8767

 43.3940, 35.7034,
33.1927


 103.4472, 90.7153,
88.0450

 30.3903, 24.2052,
22.0018

 131.6967,
117.1730, 114.8174

 20.2845, 15.4859,
13.6599


164.6710,
148.3316, 146.5315

 12.7115, 9.1611,
7.7485

202.7356,
184.5754, 183.6058

 7.3058, 4.8464,
3.8490

246.2556,
226.2889, 226.4590

 3.7021, 2.1574,
1.5429

295.5966,

 1.5350, 0.6966,

273.8564, 275.5095

0.2495

351.1238,
327.6624, 331.1759

■ 0.3495, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.6612, 50.3649,
47.6512

■ 59.6612, 50.3649,
47.6512

■ 53.5893, 41.3999,
35.8268

■ 66.9394, 61.1875,
61.5875

■ 48.6543, 34.1812,
26.0081

■ 75.4801, 73.9565,
77.7288

■ 44.7861, 28.5968,
18.0842

■ 85.3408, 88.7636,
96.1662

■ 41.9051, 24.5188,
11.9324

■ 91.8161, 98.3328,
108.7487

■ 39.9203, 21.8000,
7.4150

■ 38.7235, 20.2635,
4.3739

■ 38.2158, 19.6767,
2.8831

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.4863, 50.3649, 64.4991



59.6612, 50.3649, 47.6512



56.5000, 50.3649, 35.5151

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.6612, 50.3649, 47.6512



40.5360, 50.3649, 34.6369



44.7484, 50.3649, 91.8907

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



59.6612, 50.3649, 47.6512



64.1804, 80.2425, 92.2306

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



40.1674, 50.3649, 80.1428



59.6612, 50.3649, 47.6512



37.8745, 50.3649, 46.1947

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.6612, 50.3649, 47.6512



45.2900, 50.3649, 29.1015



37.7453, 50.3649, 62.7151



50.5468, 50.3649, 92.5030

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.6612, 50.3649, 47.6512



53.0644, 50.3649, 30.7643



37.7453, 50.3649, 62.7151



43.0267, 50.3649, 89.0193

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



59.6626, 50.3673, 47.6522



84.0208, 83.4249, 88.3191



65.3075, 52.2610, 93.8342



17.6773, 17.3966, 18.3285



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.6626, 50.3673, 47.6522



60.0165, 47.6715, 42.5365



65.0133, 62.4463, 45.1891



16.5758, 16.5132, 17.5130



20.4233, 10.5128, 1.6718



1.8195, 0.9338, 0.2761

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



59.6626, 50.3673, 47.6522



60.0165, 47.6715, 42.5365



57.0563, 63.8380, 96.5036



16.5758, 16.5132, 17.5130



20.4233, 10.5128, 1.6718



1.8195, 0.9338, 0.2761

Previews

White Background



This preview shows how the XYZ color 59.6612, 50.3649, 47.6512 looks on a white background.

Color Contrast Check

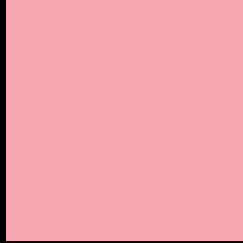
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 59.6612, 50.3649, 47.6512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6612, 50.3649, 47.6512

Background



This preview shows how black text looks on a background with the XYZ color 59.6612, 50.3649, 47.6512.



This preview shows how white text looks on a background with the XYZ color 59.6612, 50.3649,

47.6512.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

59.6612, 50.3649, 47.6512

Protanopia

48.6911, 50.7608, 54.2452

Deuteranopia

51.4222, 50.4701, 46.5666



Tritanopia

59.9614, 50.4849, 49.2321

Trichromacy



Original Color

59.6612, 50.3649, 47.6512

Protanomaly

52.0199, 50.0585, 51.7203

Deuteranomaly

54.1026, 50.3476, 46.9109

Tritanomaly

59.8606, 50.4446, 48.7013

Monochromacy



Original Color

59.6612, 50.3649, 47.6512

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.9478, 51.4092, 53.5867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6612, 50.3649, 47.6512 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(246, 167, 176)` looks like.

```
.text, #text, p{  
    color:rgb(246, 167, 176)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(246, 167, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 167, 176) }
```

Border

The CSS property to change the border of an element to XYZ 59.6612, 50.3649, 47.6512 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(246, 167, 176) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(246, 167, 176) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(246, 167, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 167, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 167, 176);  
box-shadow:4px 4px 4px 4px rgb(246, 167,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6612, 50.3649, 47.6512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 167, 176) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(246,  
167, 176) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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